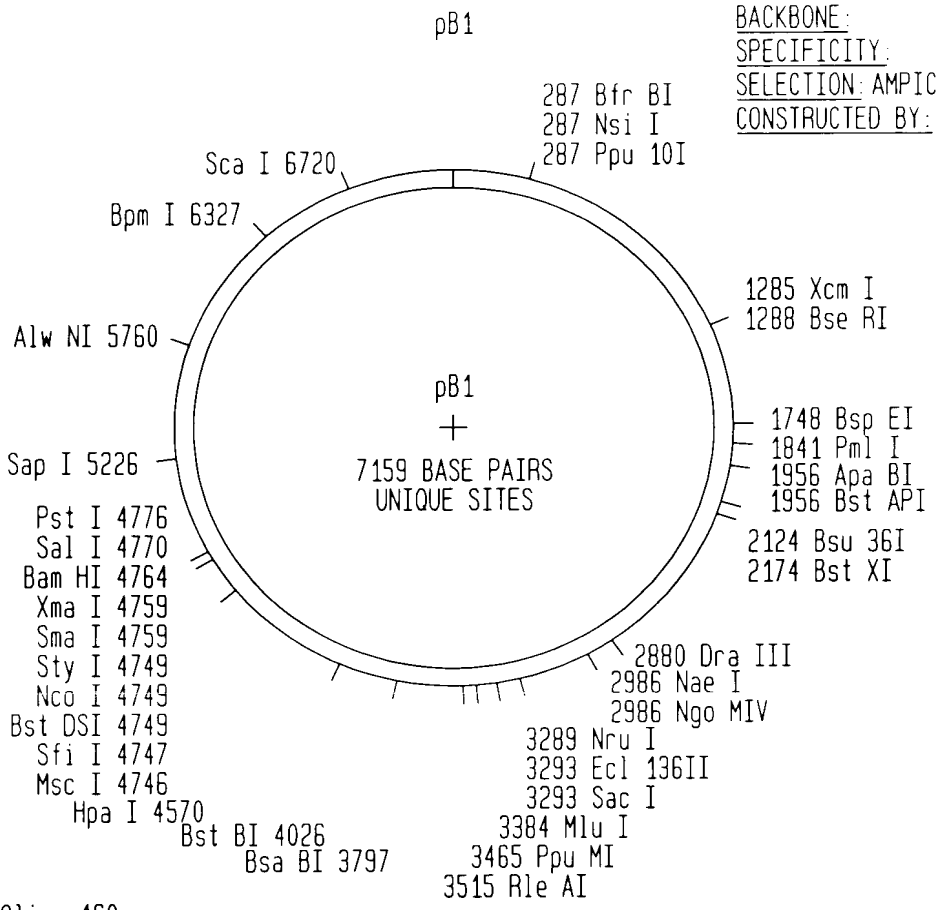
FIG. 1

ALIAS: pAS2DD
APPLICATION: 2HY (BAIT)
BACKBONE:
SPECIFICITY:
SELECTION: AMPICILLIN
CONSTRUCTED BY:



Oligo 160

gagagtagtaacaaaggtc AAAGACAGTTGACTGTATCGCCG GAA TTT AT

Sfi I Sma I BamH I Sal I Pst I

G GCC ATG GAG GCC CCG GGG ATC CGT CGA CCT GCA GCC

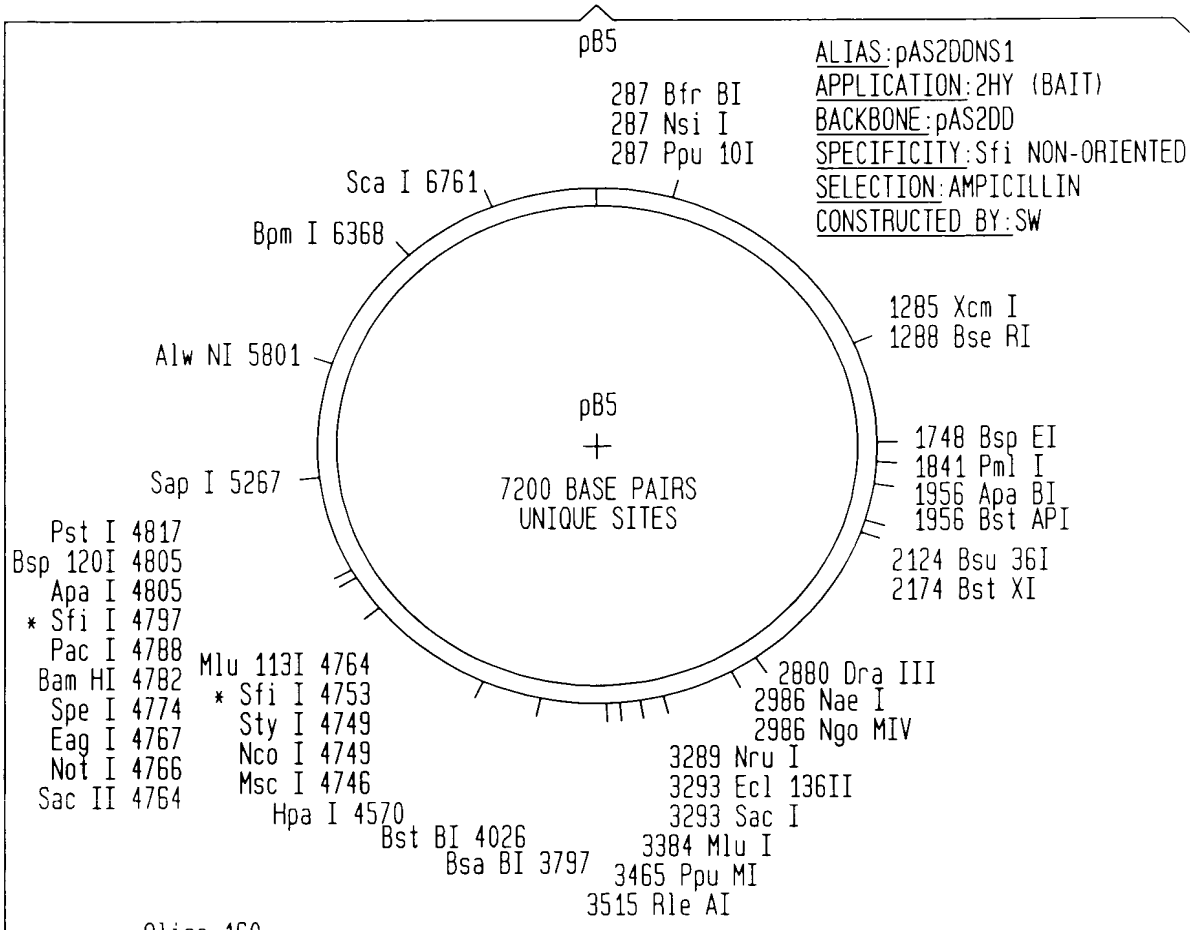
Nco I

Oligo 161

AAG GTA ATT ccgggcgaatttcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'
Oligo 161 5' CATAAGAAATTCGCCCGG 3'

FIG. 2



Oligo 160

gagagtagtaacaaaggtc AAAGACAGTTGACTGTATCGCCG GAA TTT ATG

Sfi I Sac II Spe I Bam HI

GCC ATG GCC GCA GGG GCC GCG GCC GCA CTA GTG GGG ATC C

Nco I Not I

STOP Sfi I Pst I

TT AAT TAA GGG CCA CTG GGG CCC CTC GAC CTG CAG CCA

Pac I

Oligo 161

AGC TAA TT ccgggcgaatttcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'
Oligo 161 5' CATAAGAAATTCGCCCGG 3'

FIG. 3

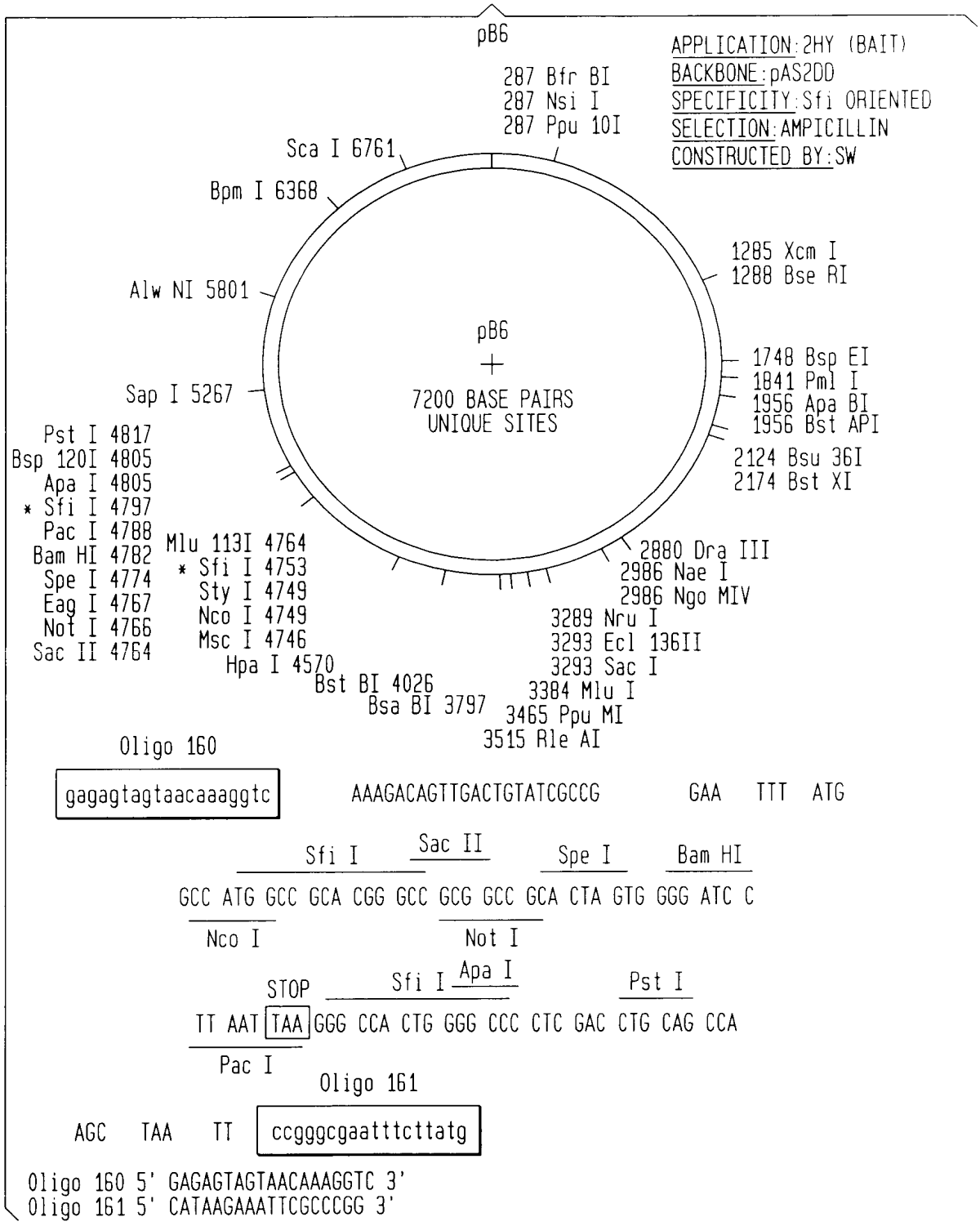
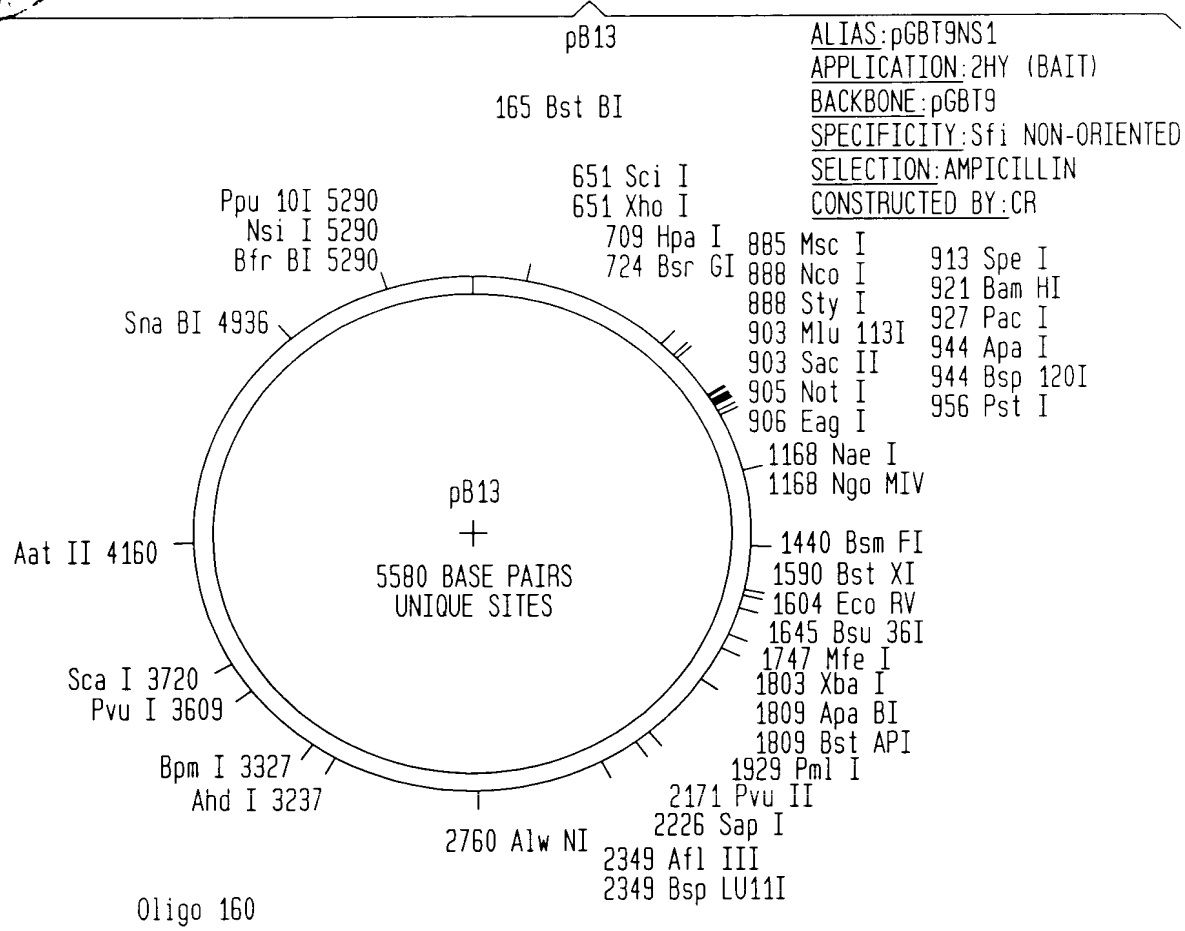


FIG. 4



Oligo 160

gagagtagtaacaaaggtc AAAGACAGTTGACTGTATCGCCG GAA TTT ATG

Sfi I Sac II Spe I Bam HI

GCC ATG GCC GCA GGG GCC GCG GCC GCA CTA GTG GGG ATC C

Nco I Not I

STOP Sfi I Pst I

TT AAT TAA GGG CCA CTG GGG CCC CTC GAC CTG CAG CCA

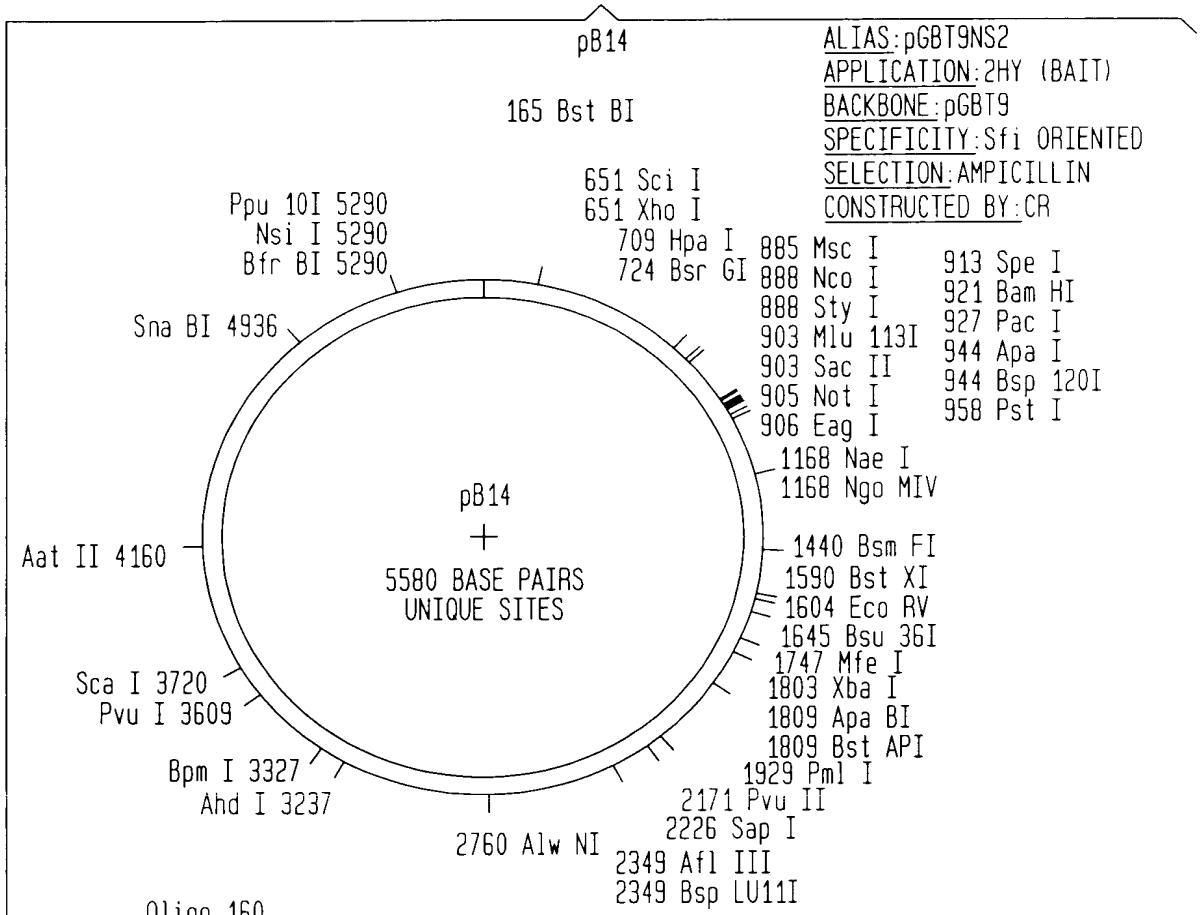
Pac I

Oligo 161

AGC TAA TT ccgggcgaatttcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'
Oligo 161 5' CATAAGAAATTCGCCCGG 3'

FIG. 5



Oligo 160

gagagtagtaacaaaggtc AAAGACAGTTGACTGTATCGCCG GAA TTT ATG

Sfi I Sac II Spe I Bam HI

GCC ATG GCC GGA CGG GCC GCG GCC GCA CTA GTG GGG ATC C

Nco I Not I

STOP Sfi I Apa I Pst I

TT AAT TAA GGG CCA CTG GGG CCC CTC GAC CTG CAG CCA

Pac I

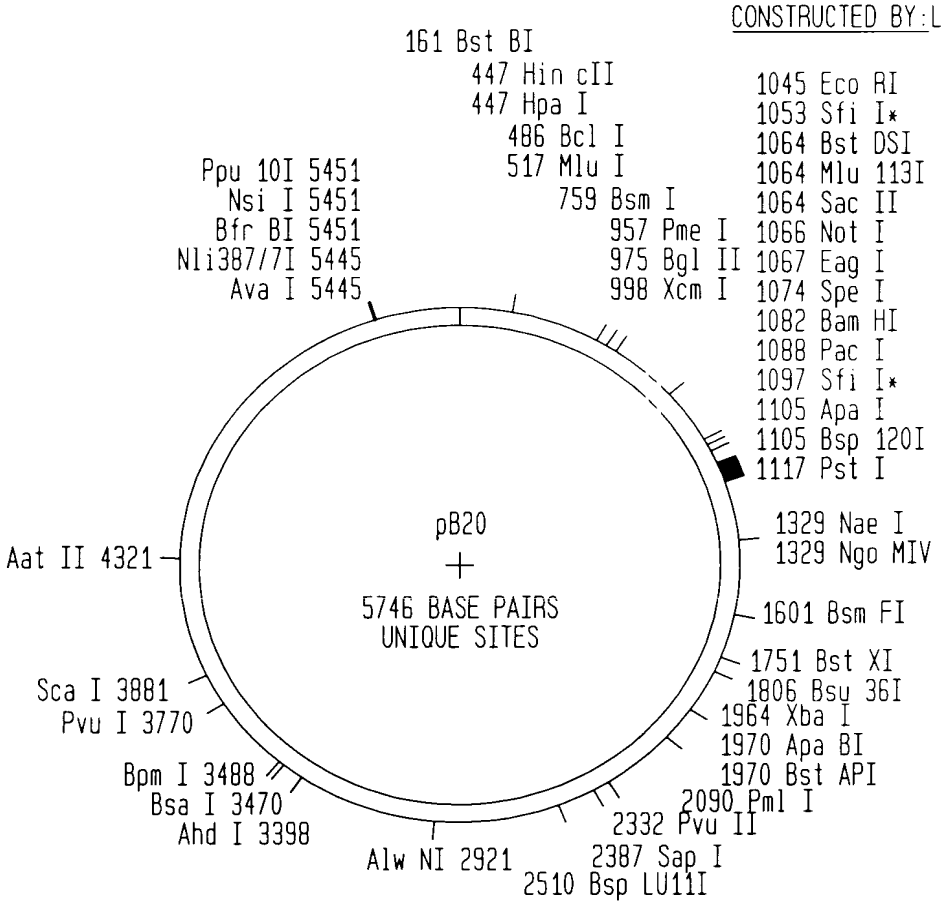
Oligo 161

AGC TAA TT ccgggcgaatttcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'
Oligo 161 5' CATAAGAAATTCGCCCGG 3'

FIG. 6

ALIAS: pLEX10NS2
APPLICATION: 2HY (BAIT)
BACKBONE: pLEX10(pB9)
SPECIFICITY: Sfi-ORIENTED
SELECTION: AMPICILLIN
CONSTRUCTED BY: LD



EcoR I — Sfi I — Not I — Spe I — Bam HI

GAA TTC GGG GCC GGA CGG GCC GCG GCC GCA CTA GTG GGG ATC C

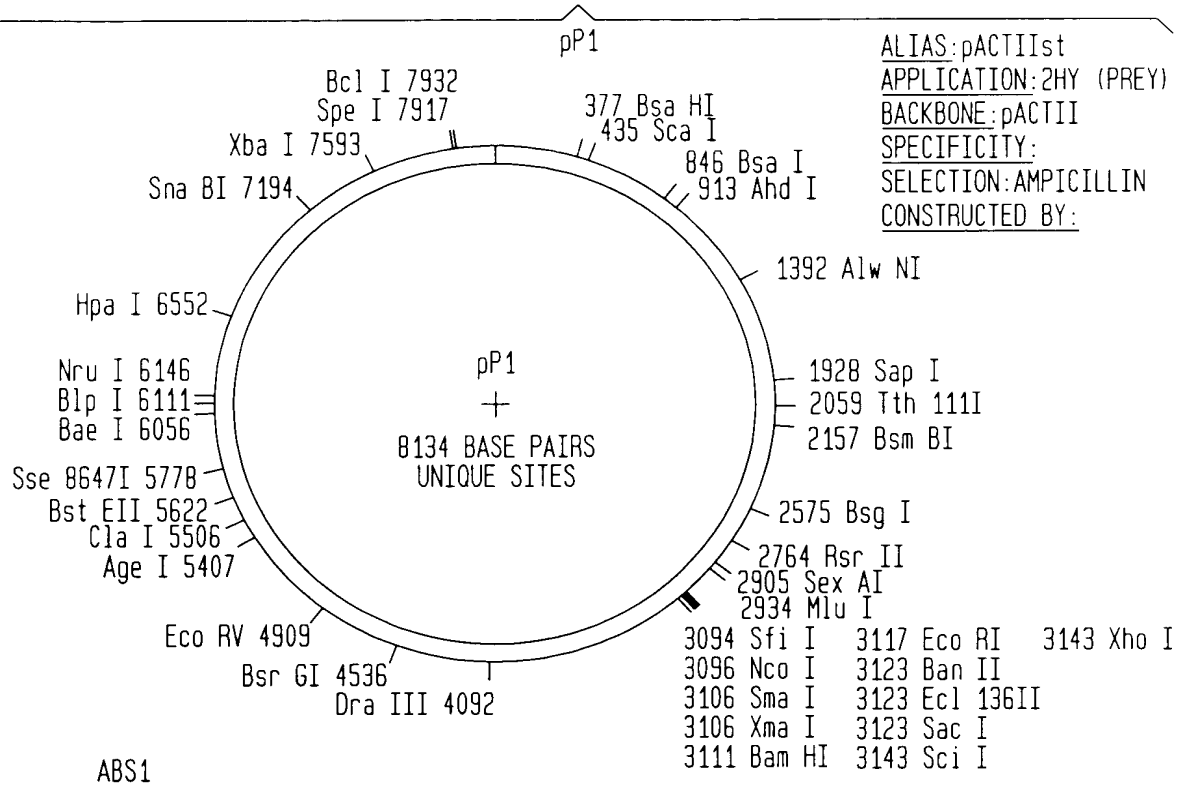
Sac II

STOP

TT AAT TAA GGG CCA CTG GGG CCC CTC GAC CTG CAG

Pac I — Sfi I — Pst I

FIG. 7



ABS1

cgtttggaatcactacagg GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

JC90 Bgl II

cgatgatgaagataccccaccaaa CCCAAAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTCCAG

Sfi I Sma I BamH I

ATTACGCTAGCTTGGGTGGTCATATGGCC ATG GAG GCC CCG GGG ATC CGA ATT

Nco I

Sac I Xho I Bgl II

CGA GCT CGA CTA GCT AGC TGA CTC GAG AGA TCT ATGAAT

cgtagatactgaaaaacccc GCAAGTT cacttcaactgtgcatcgtg caccatctcaatttc

162 ABS2 53

ABS1 5' CGTTTGGAATCACTACAGG 3'
JC90 5' CGATGATGAAGATACCCCACCAAA 3'
162 5' GGGGTTTTTCAGTATCTACG 3'
ABS2 5' CACGATGCACAGTTGAAGTG3'
53 5' GAAATTGAGATGGTGCACGATGCAC 3'

FIG. 8

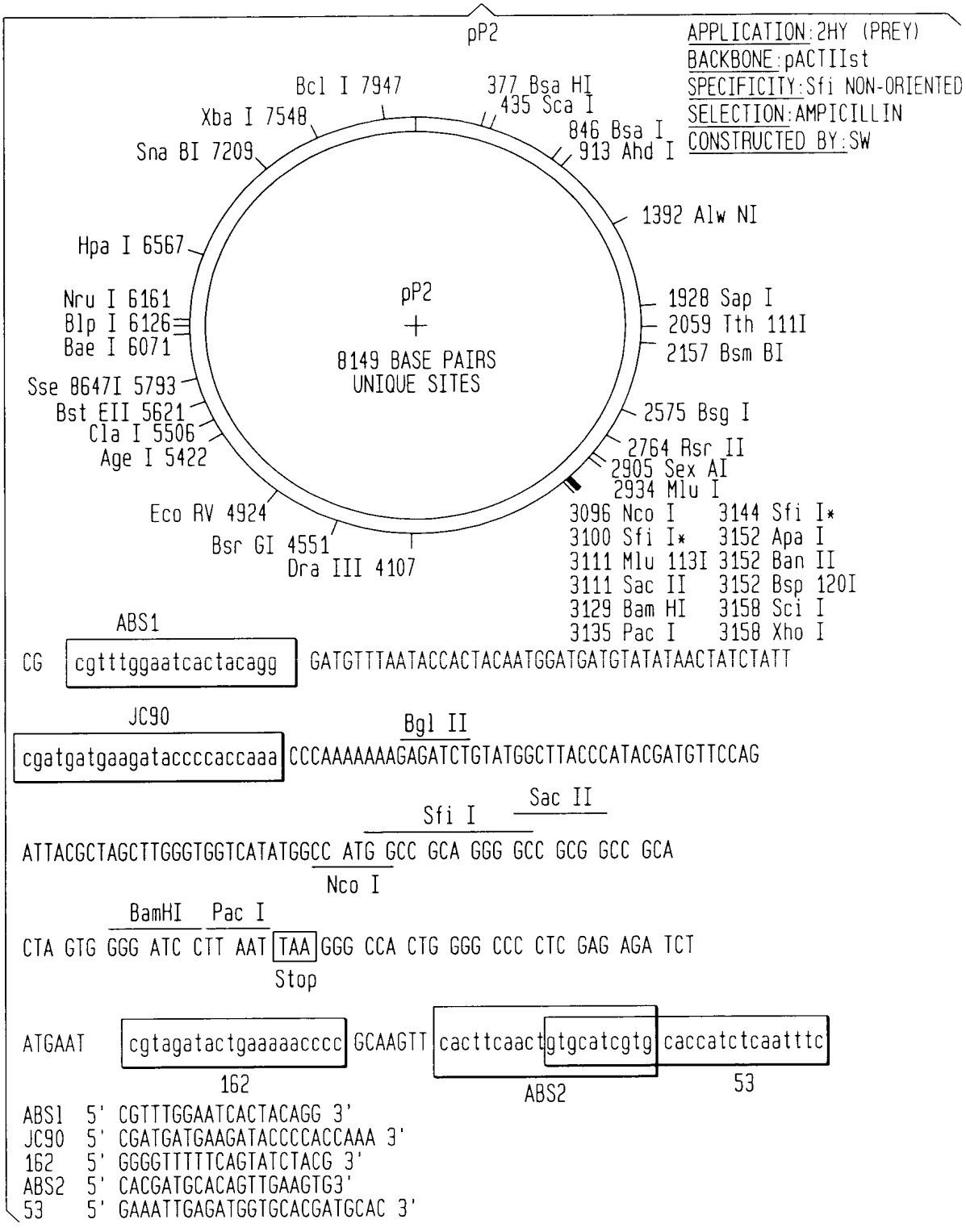
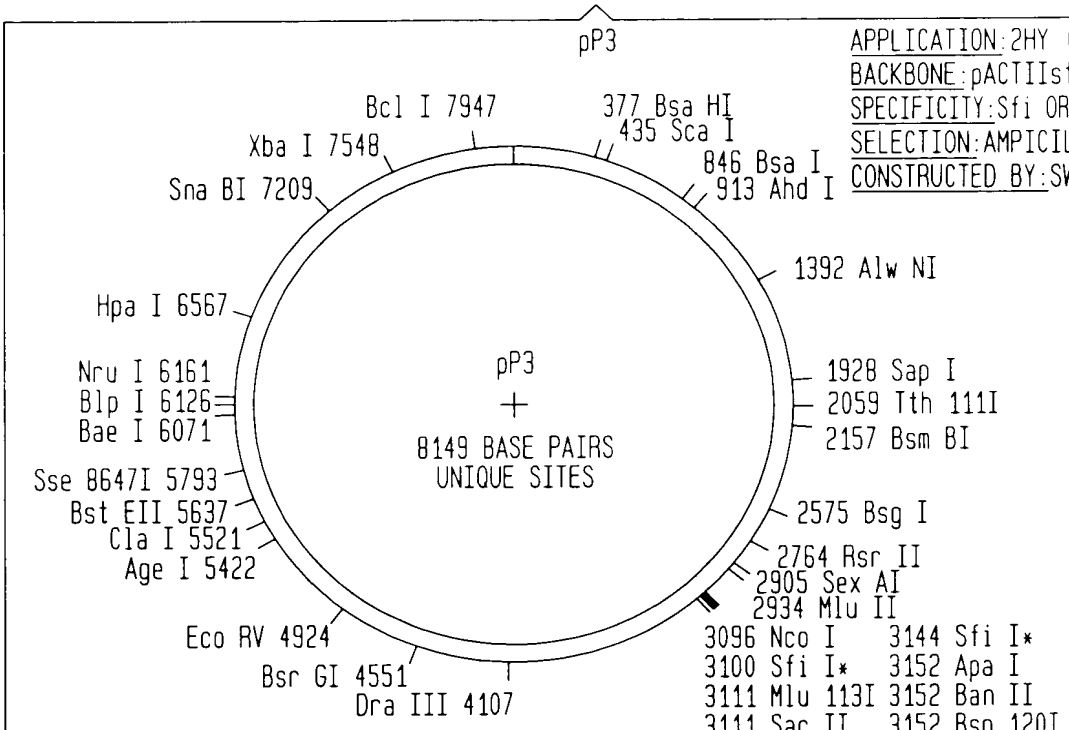


FIG. 9



ABS1

CG cgtttggaatcacagg GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

JC90

cgatgatgaagataccccaccaaa CCCAAAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTCCAG

Bgl II

Sfi I Sac II

ATTACGCTAGCTTGGGTGGTCATATGGCCATGGCC GGA CGG GCC GCG GCC GCA

Nco I

BamHI Pac I

CTA GTG GGG ATC CTT AAT TAA GGG CCA CTG GGG CCC CTC GAG AGA TCT

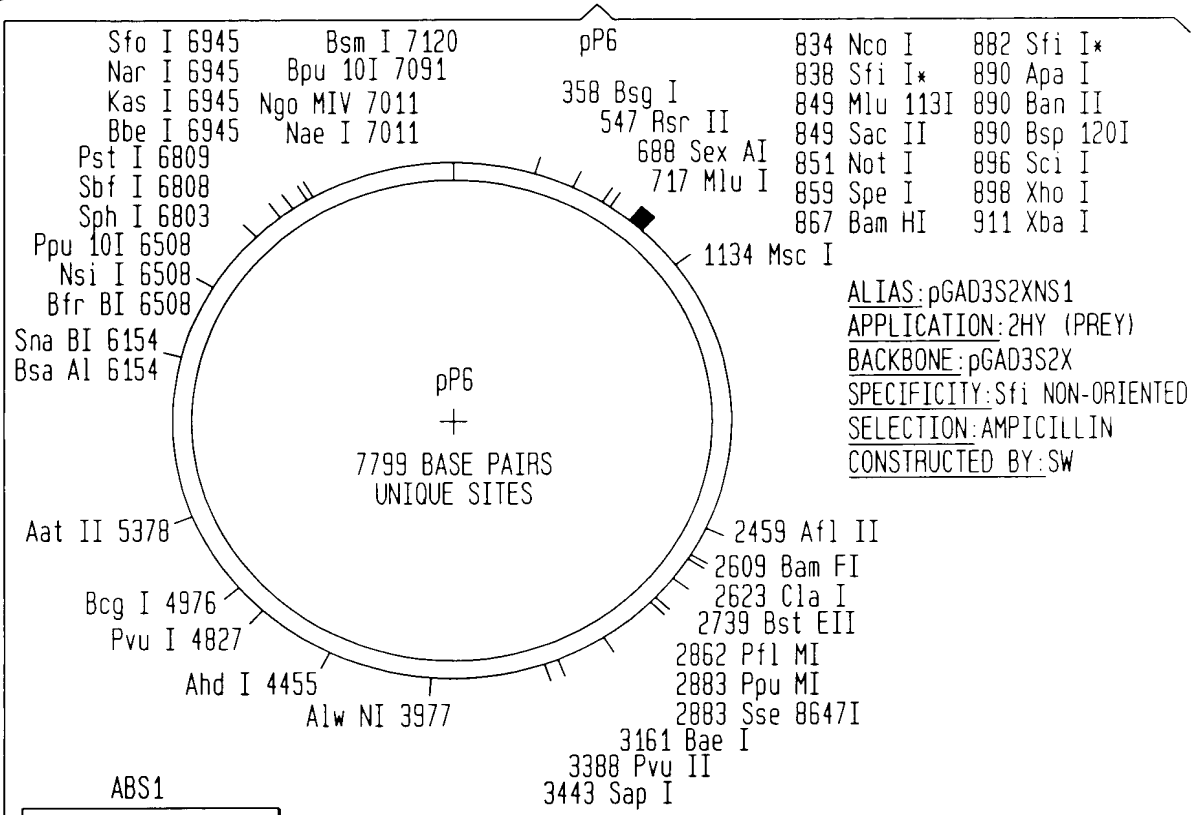
Stop

ATGAAT cgtagatactgaaaaacccc GCAAGTT cacttcaactgtgcatcgtg caccatctcaatttc

162 ABS2 53

ABS1 5' CGTTTGGAATCACTACAGG 3'
JC90 5' CGATGATGAAGATACCCCACCAAA 3'
162 5' GGGGTTTTTCAGTATCTACG 3'
ABS2 5' CACGATGCACAGTTGAAGTG3'
53 5' GAAATTGAGATGGTGCACGATGCAC 3'

FIG. 10



ABS1

cgtttggaatcactacagg GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

JC90

cgatgatgaagataccccaccaaa CCCAAAAAAAAGAGATCCTAGAACTA

Sfi I Sac II Spe I Bam HI

GCC ATG GCC GCA GGG GCC GCG GCC GCA CTA GTG GGG ATC C

Nco I Not I

STOP Sfi I Xho I Xba I

TT AAT TAA GGG CCA CTG GGG CCC CTC GAG TAG CTA GTG TCT AGA

STOP STOP STOP

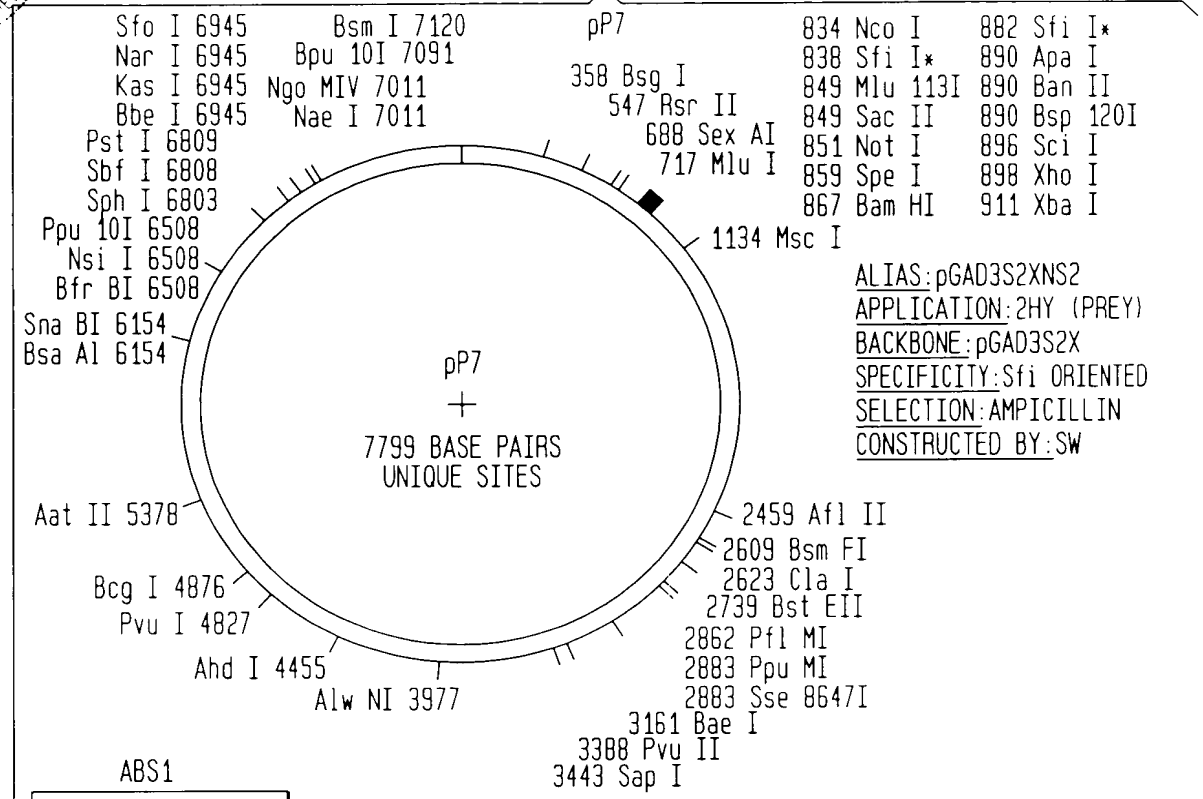
GGCCCGGTACCCAATTCGCCCTATAGTGAGTCGTATTACAATTCACTGGCCG TCGTTTTA CAACGTCGTGACTGGGAAAACCCTGATCTATGAAT

cgtagatactgaaaaacccc GCAAGTT cacttcaactgtgcatcgtg caccatctcaatttctttc

162 ABS2 53

ABS1 5' CGTTTGGAATCACTACAGG 3'
JC90 5' CGATGATGAAGATACCCCACCAAA 3'
162 5' GGGGTTTTTCAGTATCTACG 3'
ABS2 5' CACGATGCACAGTTGAAGTG3'
53 5' GAAATTGAGATGGTGCACGATGCAC 3'

FIG. 11



ABS1

cgtttggaatcactacagg GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

JC90

cgatgatgaagataccccaccaaa CCCAAAAAAAAGAGATCCTAGAACTA

Sfi I Sac II Spe I Bam HI

GCC ATG GCC GGA CGG GCC GCG GCC GCA CTA GTG GGG ATC C

Nco I Not I

STOP Sfi I Xho I Xba I

TT AAT TAA GGG CCA CTG GGG CCC CTC GAG TAG CTA GTG TCT AGA

STOP STOP STOP

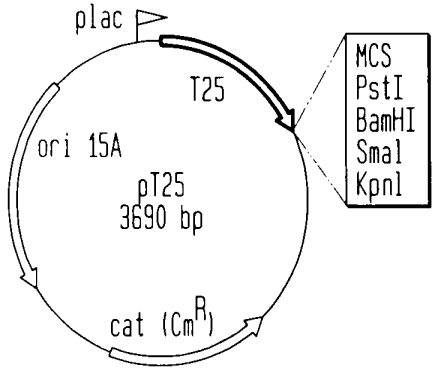
GGCCCGGTACCCAATTCGCCCTATAGTGAGTCGTATTACAATTCACTGGCCG TCGTTTTA CAACGTCGTGACTGGGAAAACCCTGATCTATGAAT

cgtagatactgaaaaacccc GCAAGTT cacttcaactgtgcatcgtg caccatctcaatttcttt

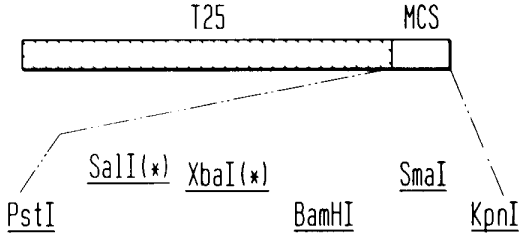
162 ABS2 53

ABS1 5' CGTTTGGAATCACTACAGG 3'
JC90 5' CGATGATGAAGATACCCCACCAAA 3'
162 5' GGGGTTTTTCAGTATCTACG 3'
ABS2 5' CACGATGCACAGTTGAAGTG3'
53 5' GAAATTGAGATGGTGCACGATGCAC 3'

FIG. 12



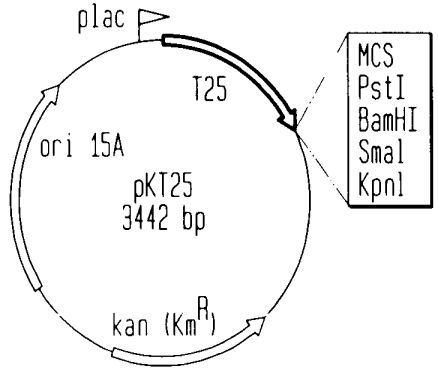
DERIVATIVE OF pACYC184



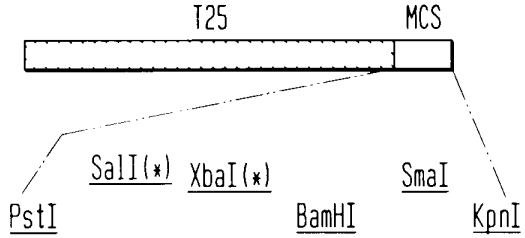
GCT GCA GGG TCG ACT CTA GAG GAT CCC CGG GTA CCT AAG TAA
CGA CGT CCC AGC TGA GAT CTC CTA GGG GCC CAT GGA TTC ATT

ALA ALA GLY SER THR LEU GLU ASP PRO ARG VAL PRO LYS STOP

(*) RESTRICTION SITES ARE NOT UNIQUE



DERIVATIVE OF pSU40



GCT GCA GGG TCG ACT CTA GAG GAT CCC CGG GTA CCT AAG TAA
CGA CGT CCC AGC TGA GAT CTC CTA GGG GCC CAT GGA TTC ATT

ALA ALA GLY SER THR LEU GLU ASP PRO ARG VAL PRO LYS STOP

(*) RESTRICTION SITE IS NOT UNIQUE

FIG. 13

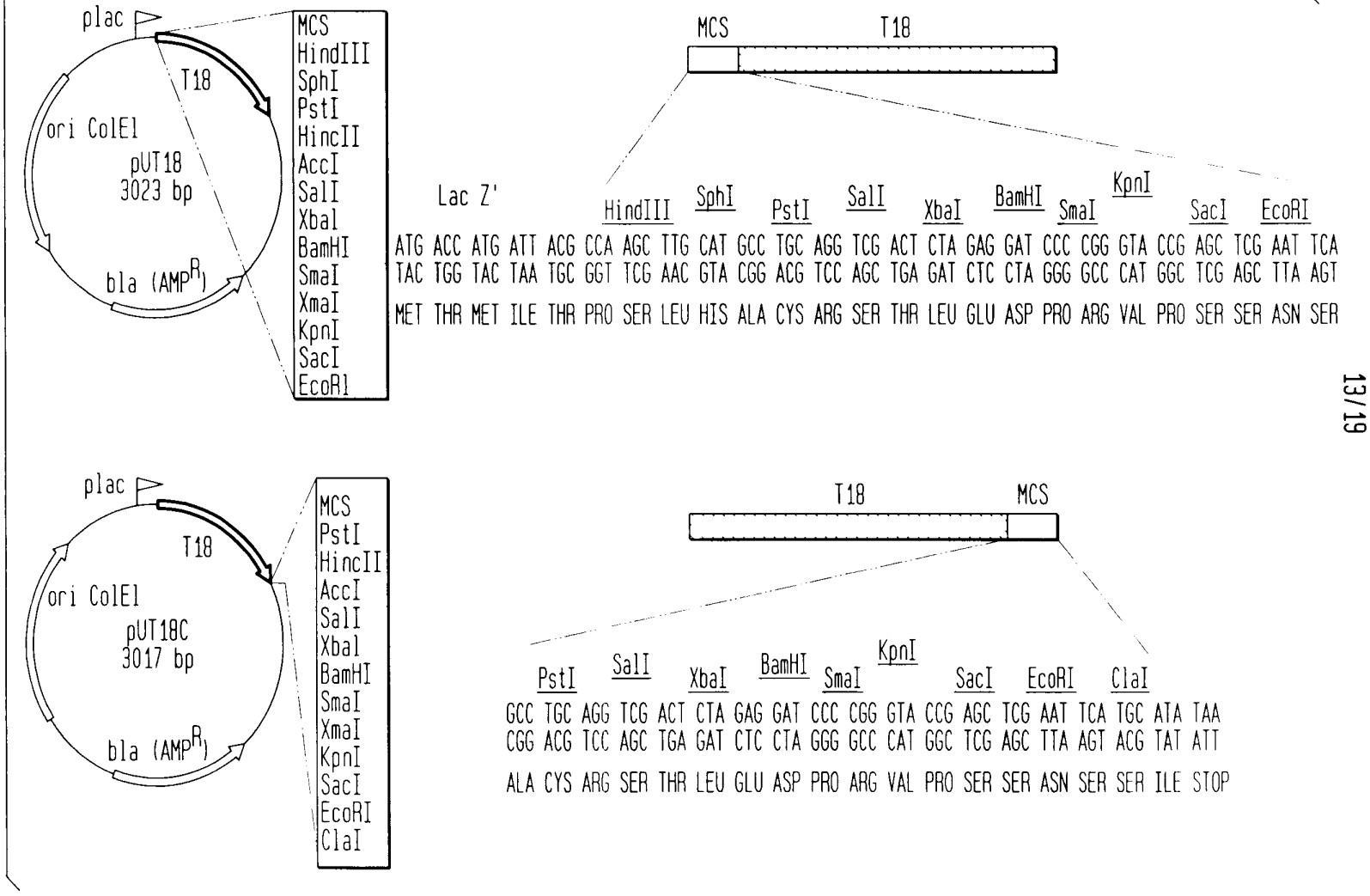


FIG. 14

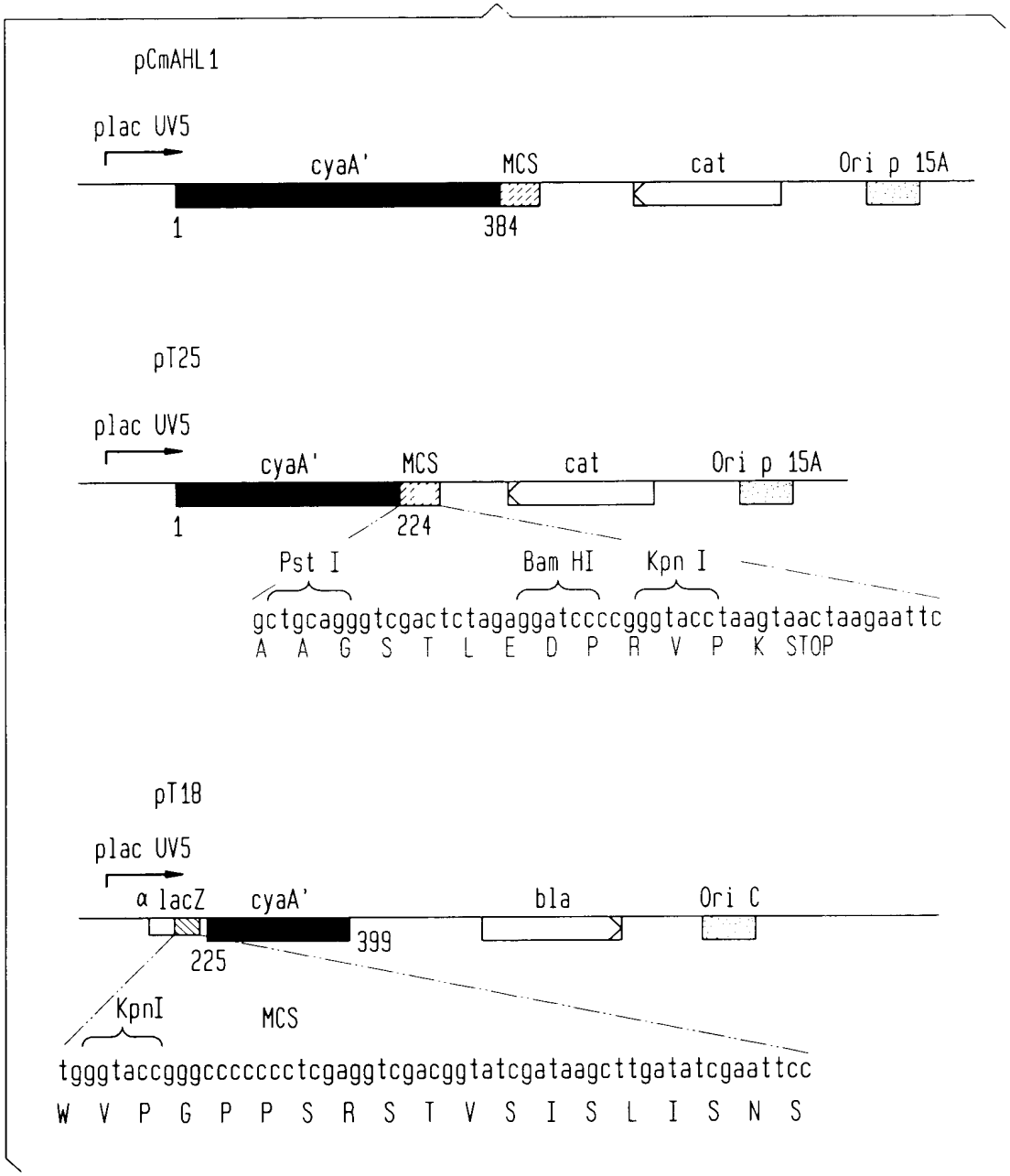


FIG. 15

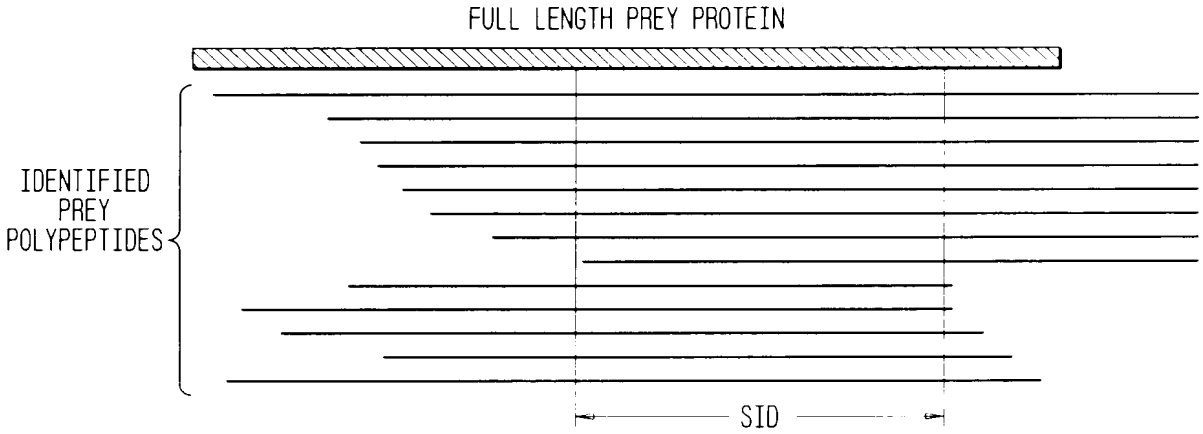
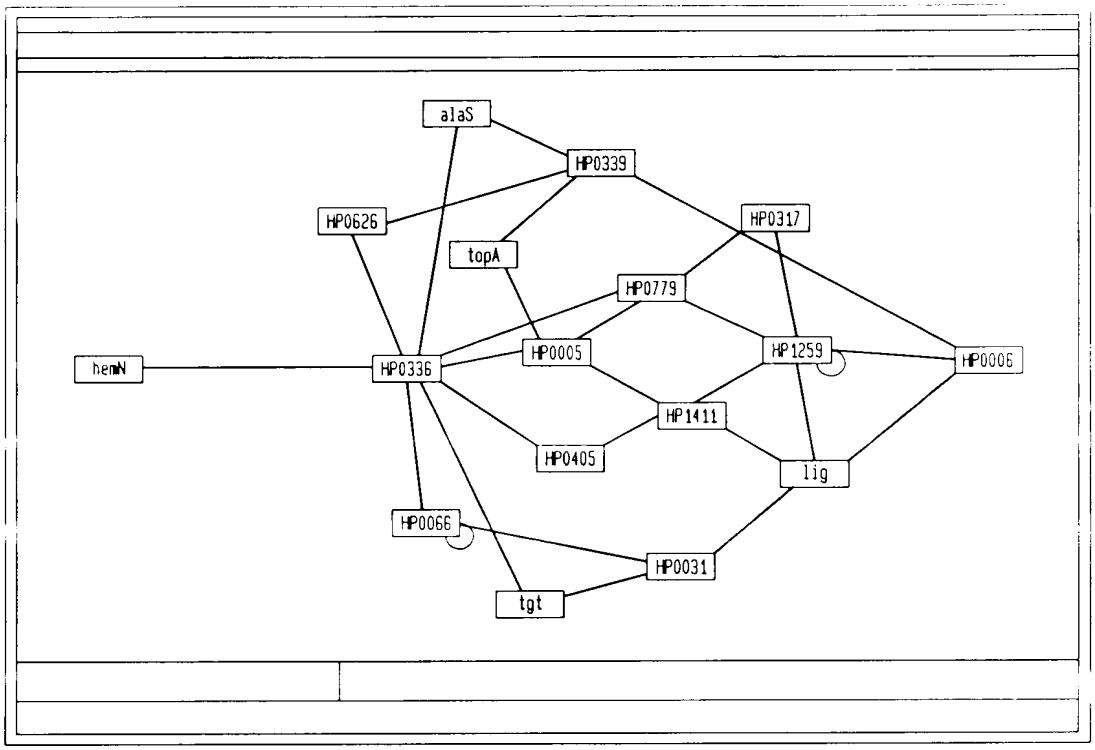


FIG. 16



EXAMPLE OF PROTEIN INTERACTION MAP

FIG. 17

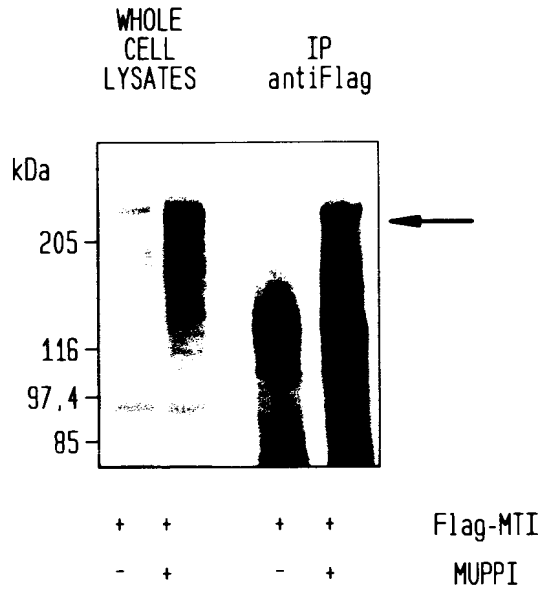


FIG. 18A

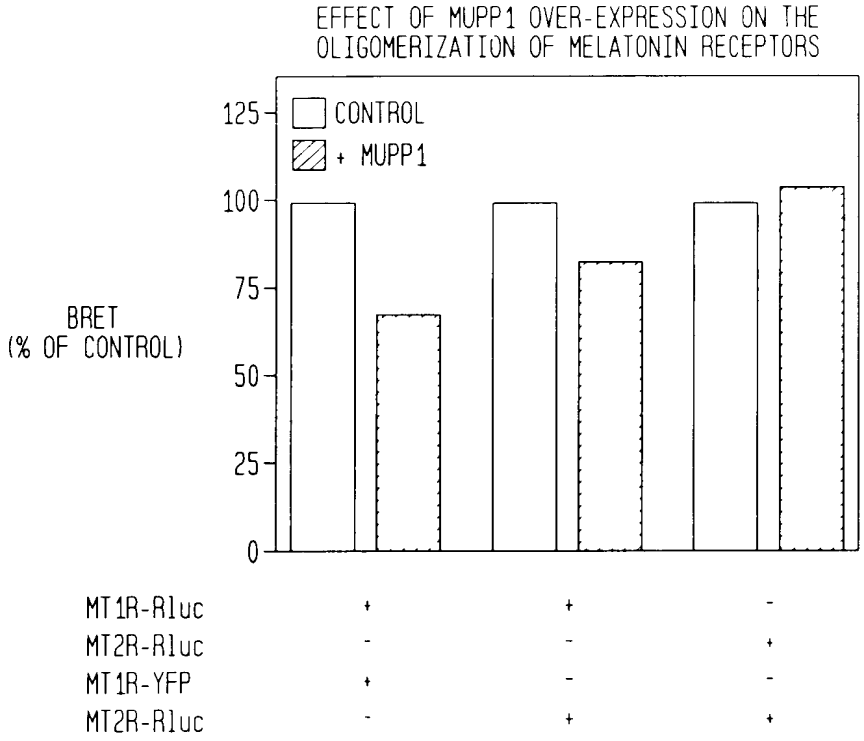


FIG. 18B

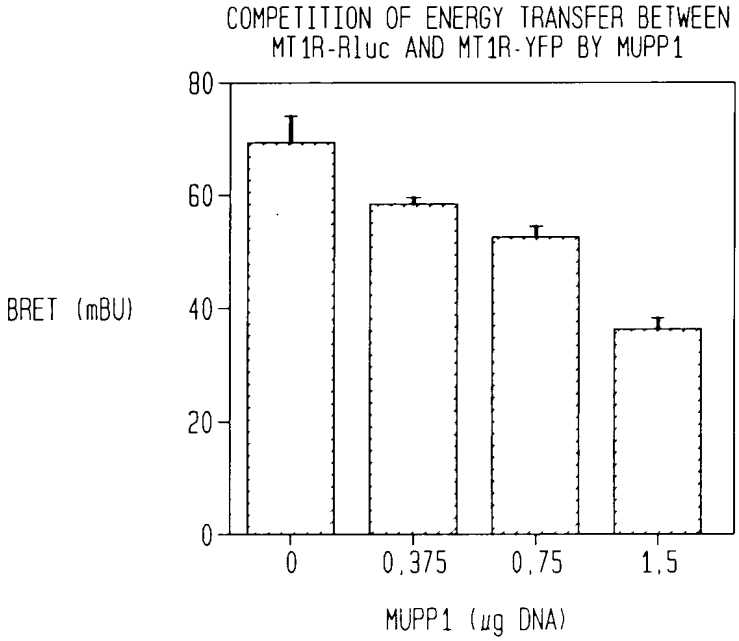


FIG. 19